

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/FR2005/000656

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 580 737 A (POLISKY BARRY ET AL) 3 December 1996 (1996-12-03) cited in the application the whole document	1-36
A	WO 2004/011680 A (ARCHEMIX CORP ; DIENER JOHN L (US); EPSTEIN DAVID (US); WILSON CHARLES) 5 February 2004 (2004-02-05) page 12 page 15 - page 20	1-36
A	WO 99/51777 A (BUNSEN RUSH LAB INC.; LERNER MICHAEL R (US)) 14 October 1999 (1999-10-14) page 5	1-36

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

3 August 2005

Date of mailing of the international search report

11/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Cornelis, K

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2005/000656

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ICHIHARA MASATOSHI ET AL: "RET and neuroendocrine tumors." CANCER LETTERS, vol. 204, no. 2, 20 February 2004 (2004-02-20), pages 197-211, XP002303439 ISSN: 0304-3835 paragraph '4.2.2!	1-36
A	CHEN CHI-HONG B ET AL: "Inhibition of heregulin signaling by an aptamer that preferentially binds to the oligomeric form of human epidermal growth factor receptor-3." PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 100, no. 16, 5 August 2003 (2003-08-05), pages 9226-9231, XP002303440 ISSN: 0027-8424 the whole document	1-36
X	US 2003/049644 A1 (RABIN ROSS ET AL) 13 March 2003 (2003-03-13) SEQ ID NOs 201, 213, 215, 259	12-14, 23,27-32
X	US 6 280 932 B1 (PARMA DAVID H ET AL) 28 August 2001 (2001-08-28) the whole document	12-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2005/000656

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5580737	A	03-12-1996	US 5475096 A	12-12-1995
			US 5641629 A	24-06-1997
			AU 692469 B2	11-06-1998
			AU 7686594 A	27-03-1995
			CA 2169536 A1	16-03-1995
			EP 0724647 A1	07-08-1996
			JP 9502354 T	11-03-1997
			JP 2005065701 A	17-03-2005
			WO 9507364 A1	16-03-1995
			US 5650275 A	22-07-1997
			US 2002150536 A1	17-10-2002
			US 2003157487 A1	21-08-2003
			US 2002172962 A1	21-11-2002
			US 6124449 A	26-09-2000
			US 2005164974 A1	28-07-2005
			US 2005136474 A1	23-06-2005
			US 2003049644 A1	13-03-2003
			US 6110900 A	29-08-2000
			US 6344318 B1	05-02-2002
			US 5459015 A	17-10-1995
			US 5707796 A	13-01-1998
			US 5472841 A	05-12-1995
			US 5543293 A	06-08-1996
			US 6569620 B1	27-05-2003
			US 5849479 A	15-12-1998
			US 5683867 A	04-11-1997
			US 5503978 A	02-04-1996
			US 5527894 A	18-06-1996
			US 2003077646 A1	24-04-2003
			US 6261774 B1	17-07-2001
			US 5637459 A	10-06-1997
			US 5648214 A	15-07-1997
			US 5723289 A	03-03-1998
			US 5629155 A	13-05-1997
			US 5756287 A	26-05-1998
			US 6346611 B1	12-02-2002
			US 6344321 B1	05-02-2002
			US 6331394 B1	18-12-2001
			US 6232071 B1	15-05-2001
			US 5639868 A	17-06-1997
			US 5622828 A	22-04-1997
			US 5705337 A	06-01-1998
			US 6184364 B1	06-02-2001
			US 5637461 A	10-06-1997
			US 5696249 A	09-12-1997
			US 2003176680 A1	18-09-2003
			US 2004043923 A1	04-03-2004
			US 6300074 B1	09-10-2001
			US 5670637 A	23-09-1997
			US 2004058884 A1	25-03-2004
WO 2004011680	A	05-02-2004	WO 2004011680 A1	05-02-2004
WO 9951777	A	14-10-1999	CA 2327400 A1	14-10-1999
			EP 1070257 A2	24-01-2001
			JP 2002510790 T	09-04-2002
			WO 9951777 A2	14-10-1999
			US 2003008331 A1	09-01-2003

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2005/000656

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9951777 A		US 6475733 B1	05-11-2002
US 2003049644 A1	13-03-2003	US 6344321 B1	05-02-2002
		US 6331398 B1	18-12-2001
		US 5843653 A	01-12-1998
		US 5475096 A	12-12-1995
		US 5753494 A	19-05-1998
		AU 6234900 A	19-02-2001
		CA 2381004 A1	08-02-2001
		EP 1203007 A1	08-05-2002
		JP 2003506024 T	18-02-2003
		WO 0109159 A1	08-02-2001
		US 2003157487 A1	21-08-2003
		US 2003198989 A1	23-10-2003
		US 2003191084 A1	09-10-2003
		US 6110900 A	29-08-2000
		US 6569620 B1	27-05-2003
		US 2002064780 A1	30-05-2002
		US 2002150536 A1	17-10-2002
		US 2002172962 A1	21-11-2002
		US 6124449 A	26-09-2000
		US 2005164974 A1	28-07-2005
		US 2005136474 A1	23-06-2005
		US 6344318 B1	05-02-2002
		US 5459015 A	17-10-1995
		US 5707796 A	13-01-1998
		US 5472841 A	05-12-1995
		US 5543293 A	06-08-1996
		US 5849479 A	15-12-1998
		US 5683867 A	04-11-1997
		US 5503978 A	02-04-1996
		US 5527894 A	18-06-1996
		US 2003077646 A1	24-04-2003
		US 6261774 B1	17-07-2001
		US 5650275 A	22-07-1997
		US 5637459 A	10-06-1997
		US 5648214 A	15-07-1997
		US 5723289 A	03-03-1998
		US 5629155 A	13-05-1997
		US 5756287 A	26-05-1998
		US 6346611 B1	12-02-2002
		US 6331394 B1	18-12-2001
		US 6232071 B1	15-05-2001
		US 5641629 A	24-06-1997
		US 5639868 A	17-06-1997
		US 5622828 A	22-04-1997
		US 5705337 A	06-01-1998
		US 6184364 B1	06-02-2001
		US 5637461 A	10-06-1997
		US 5696249 A	09-12-1997
		US 2003176680 A1	18-09-2003
		US 2004043923 A1	04-03-2004
US 6280932 B1	28-08-2001	US 5780228 A	14-07-1998
		US 6001988 A	14-12-1999
		US 5766853 A	16-06-1998
		US 5475096 A	12-12-1995
		US 2004043923 A1	04-03-2004

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/FR2005/000656

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6280932	B1	US 2004072234 A1	15-04-2004
		US 2003059769 A1	27-03-2003
		AU 725590 B2	12-10-2000
		AU 6450796 A	30-12-1996
		CA 2223275 A1	19-12-1996
		EP 0840739 A1	13-05-1998
		JP 11507526 T	06-07-1999
		WO 9640703 A1	19-12-1996
		US 2002150536 A1	17-10-2002
		US 2003157487 A1	21-08-2003
		US 2002172962 A1	21-11-2002
		US 6124449 A	26-09-2000
		US 2005164974 A1	28-07-2005
		US 2005136474 A1	23-06-2005
		US 2003049644 A1	13-03-2003
		US 6110900 A	29-08-2000
		US 6344318 B1	05-02-2002
		US 5459015 A	17-10-1995
		US 5707796 A	13-01-1998
		US 5472841 A	05-12-1995
		US 5543293 A	06-08-1996
		US 6569620 B1	27-05-2003
		US 5849479 A	15-12-1998
		US 5683867 A	04-11-1997
		US 5503978 A	02-04-1996
		US 5527894 A	18-06-1996
		US 2003077646 A1	24-04-2003
		US 6261774 B1	17-07-2001
		US 5650275 A	22-07-1997
		US 5637459 A	10-06-1997
		US 5648214 A	15-07-1997
		US 5723289 A	03-03-1998
		US 5629155 A	13-05-1997
		US 5756287 A	26-05-1998
		US 6346611 B1	12-02-2002
		US 6344321 B1	05-02-2002
		US 6331394 B1	18-12-2001
		US 6232071 B1	15-05-2001
		US 5641629 A	24-06-1997
		US 5639868 A	17-06-1997
		US 5622828 A	22-04-1997
		US 5705337 A	06-01-1998
		US 6184364 B1	06-02-2001
		US 5637461 A	10-06-1997
		US 5696249 A	09-12-1997